Atque hæc eſt partium hujus animalis brevis quædam enarratio: earum verò uſus (exceptis branchiis ſpuriis) exhibere ſuper vacaneum eſt, ſi quidem exanalogiâ cum reliquis id genus animalibus, à me publicatis, facile intelligi atque explanari poſſint.

aaa. os caputque. bb. meconium aterrimum. c. cor prout ſubter membranam latitat, dd. pericardium, an veſica urinaria rhomboidos. eeeee. inteſtinum rectum pericardio ſuper equitans. fffff. magnus muſculus centralis gg. alius muſculus laceratus teſtis fortiter adhærens. hhhh. branchiæ internæ. i.i. uteri prolongati exitus, duobus foraminibus diſtinctus tanquam in androgynis. kk. uteri pars ſuperior albida. l. l. l. uteri pars inferior crocea. m. m. m. m. m. lumbus variegatus ſive muſculus retiarius ſecundus.

IV. *A Letter from* Mr. Halley *at* Cheſter, *giving an Account of an extraordinary Hail in theſe Parts, on the* 29th *of* April *laſt.*

SIR,

I Promiſed Sir *John Hoskyns* laſt Week, to ſend the Society an Account of a very extraordinary Hail, that fell in theſe Parts on the 29th of *April* laſt, ſince which I have farther enquired into the Circumſtances of it, in order to make the Relation as exact as I might. The Vapour that diſpoſed the Aqueous Parts thus to congeal came with a South-Weſt Wind out of *Carnarvan-ſhire*, paſſing

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paſſing near *Snowdon* with a horrid black Cloud, attended with frequent Lightnings and Thunder. As yet, I hear no further of it Weſtward, than out of *Denbigh-ſhire*, where it left St. *Aſaph* to the right, and did much Damage between it and the Sea, breaking all the Windows on the Weather-ſide, and killing Poultry and Lambs, and at Sir *John Conwey*'s at *Deſert*, a ſtout Dog; and in the North part of *Flint-ſhire* ſeveral People had their Heads broke, and were grievouſly bruiſed in their Bodies. From *Flint-ſhire* it croſſed over the Arm of the Sea that comes up to *Cheſter*, and was only felt in *Cheſhire*, at the very N. W. Corner of the *Peninſula*, call'd *Wirall*, between the *Æſtuaria* of *Cheſter* and *Leverpoole*, at a Town call'd *W. Kirkby*, where it Hail'd but for three Minutes, it being on the extream Point thereof, on the right hand, but it Thundred dreadfully, and was here, about Three in the Afternoon; but the main Body of it fell upon *Lancaſhire*, in a right Line from *Ormskirk* to *Blackborn*, which is on the Borders of *York ſhire*; and whether it croſs'd the Ridge of Hills into *York-ſhire*, we know not, but the breadth of the Cloud was about two Miles; within which Compaſs it did incredible Damage, killing all ſorts of Fowl and ſmall Creatures; and ſcarce leaving any whole Panes in any of the Windows where it paſſed: but which is worſe, it plowed up the Earth, and cut of the Blade of the green Corn, ſo as utterly to deſtroy it, the Hail-ſtones burying themſelves in the Ground; and the Bouling-greens where the Earth was any thing ſoft, were quite defaced, ſo as to be rendred unſerviceable for a time. This I had from an Eye Witneſs, The Hail-ſtones, ſome of which weighed five Ounces, were of differing Forms, ſome round, ſome half round, ſome ſmooth, others emboſſed and crenulated, like the Foot of a Drinking-glaſs, the Ice very tranſparent and hard, but a ſnowy Kernel was in the

midſt of moſt of them, if not all; the force of their Fall argued them to fall from a great Height. Theſe are the Circumſtances have yet occurr'd; next Week when I go to *Snowdon*, I may chance to find the beginning of this Hail, at leaſt trace it as far as the Sea; and perhaps you may hear further of it out of *Yorkſhire*, beyond *York*, towards *Burroughbrigg*, and *Rippon*. What I take to be moſt extraordinary in this Phænomenon is, that ſuch a ſort of Vapours ſhould continue undiſperſt for ſo long a Tract, as above ſixty Miles together, and in all the way of its Paſſage occaſion ſo extraordinary a Coagulation and Congelation of the watry Clouds, as to encreaſe the Hail-ſtones to ſo vaſt a Bulk in ſo ſhort a Space as that of their Fall.

Yours, &c.

V. *Part of another Letter, Dated* May 1. *giving a larger Account of the ſame Hail-Storm.*

BEcauſe you will ſhortly hear a Report of a prodigious Hail-Storm, that fell in our part of this Country on *Thurſday* laſt, between Three and Four a Clock in the Afternoon, I will haſtily hint ſomething of the matter to you, leſt your ſelf and acquaintance ſhould think it fabulous. We had only the extreme Skirt of the Shower here, and there fell not above a Hundred Hail-ſtones in our Court, but they were much larger and harder than the oldeſt of us had ſeen: A Gentlewoman ſent for one into the Houſe, and found it by Meaſure to be about